

INTERNATIONAL SEARCH REPORT

Inte	Application No
PCT/JP2005/002386	

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04B1/28		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 H04B		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, WPI Data		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/153294 A1 (HATA YOSHIYUKI) 14 August 2003 (2003-08-14) page 7	14-18
A	US 2001/046268 A1 (SHARMA ALOK) 29 November 2001 (2001-11-29) paragraphs '0001! - '0010!	1-13, 19-24
		14-18
<input type="checkbox"/> Further documents are listed in the continuation of box C.		<input checked="" type="checkbox"/> Patent family members are listed in annex.
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Date of the actual completion of the international search 15 April 2005		Date of mailing of the international search report 26/04/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Ciccarese, C

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Information on patent family members

al Application No

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Patent document cited in search report	Publication date		Patent family member(s)	Publication date
US 2003153294	A1 14-08-2003	JP	2003244019 A	29-08-2003
US 2001046268	A1 29-11-2001	US	2002136203 A1	26-09-2002
		US	2002093966 A1	18-07-2002
		US	2002056135 A1	09-05-2002